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STATE DOCUMENTS

Second Report      Calendar Year 1957

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

MONTANA HOSPITALS

Prepared by

Montana State Board of Health

Division of Child Health Services

Division of Records and Statistics

-and-

Montana Medical Association

Maternal & Child Welfare Committee

Helena, Montana

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## FOREWORD

TO: Hospital Administrators,  
Medical Staffs, and Nurses

In 1957 all hospitals in Montana doing obstetrics cooperated with the State Board of Health and the Maternal and Child Welfare Committee of the Montana Medical Association by returning, quarterly, information on the number of live births, stillbirths, neonatal, and infant deaths occurring in their respective hospitals. This information has been tabulated for each of four groups representing a classification by number of hospital beds.

In 1957 there were 17,980 live births (provisional) in Montana (by place of occurrence) for a rate of 26.6 per 1,000 estimated population. There were 459 infant deaths with a rate of 25.5 per 1,000 live births. Of these infant deaths there were 309 neonatal deaths with a rate of 17.2. There were also 224 fetal deaths with a rate of 12.5 per 1,000 live births. Montana's infant mortality rates are low, but there is still room for continued improvement in prenatal care, hospital facilities, and services.

Because of the response and interest shown by the 1956 report it has been decided to continue these reports in the future. It is hoped that hospitals and medical staffs will continue to cooperate by reporting mortality and by continuing to support the perinatal death studies. In this report hospitals are ranked on the basis of their infant death rate. The hospital ranked number 1 in each group has the lowest infant death rate in that bed class. Your hospital is checked in red in the report. It is further hoped that the administrators, medical staffs, and nurses will review the report and consider where improvements can be made in their own hospital.

Consultation in connection with construction in hospitals, with problems in the care of the premature and newborn, and with the control of communicable disease is available on request through the State Board of Health.

Montana State Board of Health  
Maternal and Child Welfare Committee  
of the Montana Medical Association

DCHS - March, 1958

# 1 - GENERAL HOSPITALS  
Montana, 1957  
(100 beds or more)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	8,195	161	22	139	89	MEAN	19.6	2.6	17.0
1	1,388	19	0	19	10		13.7	0.0	13.7
2	862	12	3	9	9		13.9	3.5	10.4
3	548	10	0	10	4		18.2	0.0	18.2
4	1,075	20	2	18	10		18.6	1.9	16.7
5	387	8	1	7	4		20.7	2.6	18.1
6	1,116	24	2	22	17		21.5	1.8	19.7
7	417	9	0	9	3		21.6	0.0	21.6
8	630	14	3	11	14		22.2	4.7	17.5
9	799	20	9	11	10		25.0	11.2	13.8
10	973	25	2	23	8		25.7	2.1	23.6

# 2 - INTERMEDIATE GENERAL HOSPITALS  
Montana, 1957  
(40-99 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	5,603	104	15	89	71	MEAN 18.6	2.7	15.9	12.7
1	73	0	0	0	0	0.0	0.0	0.0	0.0
2	167	1	1	0	2	6.0	6.0	0.0	12.0
3	358	3	0	3	8	8.4	0.0	8.4	22.3
4	234	2	0	2	2	8.5	0.0	8.5	8.5
5	334	3	0	3	7	9.0	0.0	9.0	21.0
6	108	1	0	1	1	9.3	0.0	9.3	9.3
7	213	2	0	2	2	9.4	0.0	9.4	9.4
8	681	10	2	8	7	14.7	3.0	11.7	10.3
9	646	10	1	9	9	15.5	1.6	13.9	13.9
10	186	3	1	2	0	16.1	5.3	10.8	0.0
11	472	9	1	8	7	19.1	2.2	16.9	14.8
12	247	5	0	5	5	20.2	0.0	20.2	20.2
13	235	5	0	5	5	21.3	0.0	21.3	21.3
14	261	6	3	3	3	23.0	11.5	11.5	11.5
15	311	8	0	8	3	25.7	0.0	25.7	9.6
16	33	1	0	1	0	30.3	0.0	30.3	0.0
17	356	11	2	9	1	30.9	5.6	25.3	2.8
18	363	12	2	10	5	33.1	5.6	27.5	13.8
19	325	12	2	10	4	36.9	6.1	30.8	12.3

# 3 - SMALL GENERAL HOSPITALS  
Montana, 1957  
(10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births				
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth	
TOTAL	3,826	86	33	53	56	MEAN	22.5	8.6	13.9	14.6
1	101	0	0	0	2	0.0	0.0	0.0	19.8	
1	110	0	0	0	1	0.0	0.0	0.0	9.1	
1	0	0	0	0	0	0.0	0.0	0.0	0.0	
1	97	0	0	0	1	0.0	0.0	0.0	10.3	
1	52	0	0	0	0	0.0	0.0	0.0	0.0	
1	92	0	0	0	3	0.0	0.0	0.0	32.6	
1	37	0	0	0	1	0.0	0.0	0.0	27.0	
1	58	0	0	0	0	0.0	0.0	0.0	0.0	
1	73	0	0	0	0	0.0	0.0	0.0	0.0	
2	143	1	0	1	3	7.0	0.0	7.0	21.0	
3	281	2	0	2	5	7.1	0.0	7.1	17.8	
4	232	2	0	2	2	8.6	0.0	8.6	8.6	
5	113	1	0	1	3	8.8	0.0	8.8	26.5	
6	96	1	0	1	1	10.4	0.0	10.4	10.4	
7	91	1	0	1	0	11.0	0.0	11.0	0.0	
8	176	2	0	2	1	11.4	0.0	11.4	5.7	
9	81	1	1	0	2	12.3	12.3	0.0	24.7	
10	78	1	0	1	2	12.8	0.0	12.8	25.6	
11	228	4	1	3	5	17.5	4.3	13.2	21.9	
12	53	1	0	1	1	18.9	0.0	18.9	18.9	
13	148	3	0	3	0	20.3	0.0	20.3	0.0	
14	97	2	1	1	2	20.6	10.3	10.3	20.6	
15	48	1	0	1	0	20.8	0.0	20.8	0.0	
16	142	3	0	3	0	21.1	0.0	21.1	0.0	
17	91	2	0	2	1	22.0	0.0	22.0	11.0	
18	160	4	0	4	1	25.0	0.0	25.0	6.3	

# 3 - SMALL GENERAL HOSPITALS . . . Continued  
Montana, 1957  
(10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
19	73	2	1	1	1	27.4	13.7	13.7	13.7
20	34	1	0	1	0	29.4	0.0	29.4	0.0
21	191	6	3	3	4	31.4	15.7	15.7	20.9
22	93	3	0	3	3	32.3	0.0	32.3	32.3
23	229	15	8	7	5	65.6	35.0	30.6	21.8
24	29	2	2	0	0	69.0	69.0	0.0	0.0
25	110	8	5	3	2	72.7	45.4	27.3	18.2
26	50	4	2	2	0	80.0	40.0	40.0	0.0
27	139	13	9	4	4	93.5	64.7	28.8	28.8

# 4 - COMMUNITY HEALTH FACILITY  
 Montana, 1957  
 (under 10 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	64	2	0	2	2	MEAN 31.3	0.0	31.3	31.3
1	35	0	0	0	2	0.0	0.0	0.0	57.1
2	29	2	0	2	0	69.0	0.0	69.0	0.0





